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(12) **United States Patent**
Yamada et al.

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(45) **Date of Patent:** **Oct. 3, 2006**

(54) **INFORMATION PROCESSING UNIT,
DISPLAY METHOD FOR THE
INFORMATION PROCESSING UNIT,
PROGRAM FOR THE SAME, RECORDING
MEDIUM FOR RECORDING THE
PROGRAM THEREIN AND REPRODUCING
UNIT**

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(73) Assignee: **Pioneer Corporation**, Tokyo (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 181 days.

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(51) **Int. Cl.**
G10H 7/00 (2006.01)

(52) **U.S. Cl.** **84/602; 711/100**

(58) **Field of Classification Search** **84/601,**
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369/30.7, 30.04, 30.26

See application file for complete search history.

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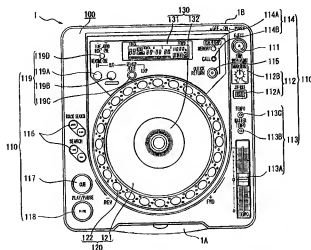
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ABSTRACT

A reading section (10) reads information recorded in an optical disk and outputs a read signal. A DSP (20) detects the read signal, and make it reproducible. An operational instruction recognizing section (51) recognizes an instruction for a specified position of the information. Then a display control section (54) makes a cue point position display section of a display section (130) display an instructed position. Because of this feature, the specified instructed position can be recognized easily and accurately.

16 Claims, 7 Drawing Sheets





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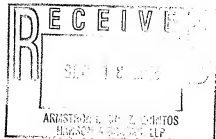
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ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 181 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

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DOC DATE: 09/05/2003

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DOC DATE: 09/05/2003

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TITLE: INFORMATION PROCESSING UNIT, DISPLAY METHOD FOR THE INFORMATION
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RECORDING THE PROGRAM THEREIN AND REPRODUCING UNIT

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(Title of Invention)

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PROCESSING UNIT PROGRAM FOR THE SAME RECORDING MEDIUM FOR RECORDING
THE PROGRAM THEREIN AND REPRODUCING UNIT

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Execution Date

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